

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	41	((phas\$3 or shift\$3) near3 (mask or photomask or reticle) or PSM) same diffraction grating same groove	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:10
L2	23	430/5.ccls. and 430/290.ccls. not 1	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:12
L3	423	((phas\$3 or shift\$3) near3 (mask or photomask or reticle) or PSM) same diffraction grating	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:12
L4	14	3 and 430/290.ccls. not 1 not 2	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:13
L5	39	3 and groove with (duty ratio or width or depth or deep) not 1 not 2 not 4	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:14
L6	310	chromeless same ((phas\$3 or shift\$3) near3 (mask or photomask or reticle) or PSM) not 1 not 2 not 4 not 5	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:19
L7	1	6 and chromeless same parallel same groove	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:17
L8	29	6 and (diffraction grating or optical waveguide or optical fiber) not 7	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:17
L9	257	(Masaaki near2 Kurihara or Nobuhito near2 Toyama).in. not 1 not 2 not 4 not 5 not 7 not 8	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:22
L10	34	(optical fiber or optical waveguide or diffraction grating) same apodizat\$3 same refractive index not 1 not 2 not 4 not 5 not 7 not 8 not 9	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:23
L11	9	((phas\$3 or shift\$3) near3 (mask or photomask or reticle) or PSM) and (single or "same" or uniform) near3 pitch same (duty or width) near3 ratio	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:25
L12	2	((phas\$3 or shift\$3) near3 (mask or photomask or reticle) or PSM) and (single or "same" or uniform) near3 pitch same (groov\$3 or trench\$3 or recess\$3) near3 (deep\$3 or depth)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:25
L13	8485	430/5.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:26

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L14	6	13 and ((mask or photomask or reticle) or PSM) same (single or "same" or uniform) near3 pitch same (duty or width) near3 ratio	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:27
L15	1	13 and ((mask or photomask or reticle) or PSM) same (single or "same" or uniform) near3 pitch same (groov\$3 or trench\$3 or recess\$3) near3 (deep\$3 or depth)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:27
L16	2	((phas\$3 or shift\$3) near3 (mask or photomask or reticle) or PSM) and (single or "same" or uniform) near3 pitch and (duty or width) near3 ratio and (groov\$3 or trench\$3 or recess\$3)).clm.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:29
L17	0	((phas\$3 or shift\$3) near3 (mask or photomask or reticle) or PSM) and (single or "same" or uniform) near3 pitch and (groov\$3 or trench\$3 or recess\$3) near3 (deep\$3 or depth)).clm.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2006/11/22 10:29